

ABSTRACT

A high frequency receiver capable of stably canceling interference by a transmission signal even if a transmission signal input from a TV antenna is changed. Phase shifter (212) for changing a phase of an interfering distributed transmission signal, detector (216) for detecting a level of a transmission signal included in a receive signal input via an antenna, and level regulator (213) for changing a level of the distributed transmission signal in accordance with this level are provided. A signal input via level regulator (213) and phase shifter (212) and a receive signal are synthesized to be input into mixer (206). Since a transmission signal can be cancelled even if a transmission signal input from an antenna is changed, a high frequency receiver can receive a signal stably when a transmission signal is changed.